

**SECRET**

25X1A

19 August 1959

25X1A

**P. O. Box 974  
Washington 4, D. C.**

25X1A

**Subject: Contract [ ] T. O. 2**

**Dear Sir:**

**Enclosed herewith is a Progress Report on the subject contract for  
your information and record.**

**Very truly yours,**

25X1A

**pe**

**cc: Contracting Officer**

**Declass Review by NIMA/DOD**

**SECRET**

17 August 1959

## PROGRESS REPORT

STATINTL

Introduction

The majority of the effort on the follow on contract has been directed toward outlining the problem areas and investigating possible solutions. Considerable thought and attention to packaging has been required to convert the feasibility study designs into more compact units that will be accessible for calibration and maintenance.

Design1. Reader

Mechanical design is 25% complete. The overall layout is complete and work is starting on detailing. Some manufacture will start this month. Two breadboards have been built: (1) film transport system to accommodate 70mm and 9-1/2" film and in long lengths; (2) photo multiplier transport to check vibration induced noise. The breadboard is complete and when the PM is available from the study model this test will be complete.

Electrical design is 5% complete. Some circuitry breadboards have been tested on the study model. The technique has been determined.

2. Printer

Mechanical design is 35% complete. The overall layout has been made and details are being drawn. The film index drive has been released to the shop for manufacture. CRT focus coil and deflection yoke hardware (gimbals, yoke rotation, etc.) have also been released for both the reader and printer. Clutches, brakes and synchronous motors have been ordered.

The electrical design is 5% complete.

3. Control Racks

The type of cabinets and the vendor have been selected. Approximately 5% of the electrical design and layout is complete. Necessary redesign has been determined and several long lead time items have been ordered.

Contract

Approximately 15% of total funds had been expended through 31 July 1959.